

# STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

## FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b>Operator: AMEREN ILLINOIS COMPANY</b>	Operator ID#: 32513
<b>Inspection Date(s): 5/6/2014, 5/7/2014, 5/8/2014</b>	Man Days: 3
<b>Inspection Unit: Maryville</b>	
<b>Location of Audit: Maryville</b>	
<b>Exit Meeting Contact: Chuck Tebbe</b>	
<b>Inspection Type: Standard Inspection - Field Audit</b>	
<b>Pipeline Safety Representative(s): Valerie Schwing</b>	
<b>Company Representative to Receive Report: Michael Fuller</b>	
<b>Company Representative's Email Address: mfuller2@ameren.com</b>	

<b>Headquarters Address Information:</b>	300 Liberty Peoria, IL 61602 Emergency Phone#: Fax#:	
<b>Official or Mayor's Name:</b>	Ron Pate Phone#: (217) 424-6518 Email:	
<b>Inspection Contact(s)</b>	<b>Title</b>	<b>Phone No.</b>
Chuck Tebbe	Quality Assurance	

CUSTOMER METER & REGULATOR		Status
<b><u>Category Comment:</u></b>  2401 Delmar -1.34 2407 Delmar -1.31 2409 Delmar -1.31 2415 Delmar -1.31 2417 Delmar -1.3 2419 Delmar -1.31 2421 Delmar -1.29 2429 Delmar -1.3 2431 Delmar -1.29 2433 Delmar -1.3 2437 Delmar -1.27 2439 Delmar -1.3 2443 Delmar -1.29 2447 Delmar -1.29 2451 Delmar -1.29 2453 Delmar -1.3 2455 Delmar -1.3		

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2459 Delmar -1.28  
 2501 Delmar -1.25  
 2509 Delmar -1.3  
 2515 Delmar -1.27  
 2517 Delmar -1.25  
 2521 Delmar -1.25  
 2514 Delmar -1.24  
 2512 Delmar -1.28  
 2510 Delmar Plastic  
 2500 Delmar -1.3  
 2462 Delmar -1.31  
 2456 Delmar -1.32  
 2454 Delmar -1.29  
 2450 Delmar -1.29  
 2448 Delmar -1.29  
 2446 Delmar -1.27  
 2444 Delmar -1.23  
 2442 Delmar -1.27  
 2436 Delmar -1.29  
 2434 Delmar -1.29  
 2432 Delmar -1.01  
 2430 Delmar -1.28  
 2424 Delmar -1.28  
 2420 Delmar -1.29  
 2414 Delmar -1.29  
 2410 Delmar -1.3  
 2406 Delmar -1.3

[192.353(a)]	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	<b>Satisfactory</b>
[192.355(b)(1)]	Is the customer regulator vent rain and insect resistant?	<b>Satisfactory</b>
[192.355(b)(2)]	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	<b>Satisfactory</b>
[192.355(b)(3)]	Is the vent protected from damage caused by submergence in areas of flooding?	<b>Satisfactory</b>
[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	<b>Satisfactory</b>
[192.357(d)]	Is a customer regulator that might release gas vented to the outside atmosphere?	<b>Satisfactory</b>
[192.359(a)]	Is the meter operating pressure within the allowable limits of the meter case rating?	<b>Satisfactory</b>
[192.365(a)]	Is the service line valve upstream of the regulator or meter?	<b>Satisfactory</b>
[192.365(c)]	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	<b>Satisfactory</b>
[192.727(d)][192.727(d)]	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	<b>Satisfactory</b>

### CATHODIC PROTECTION

**Status**

**Category Comment:**

2401 Delmar -1.34

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2407 Delmar -1.31  
 2409 Delmar -1.31  
 2415 Delmar -1.31  
 2417 Delmar -1.3  
 2419 Delmar -1.31  
 2421 Delmar -1.29  
 2429 Delmar -1.3  
 2431 Delmar -1.29  
 2433 Delmar -1.3  
 2437 Delmar -1.27  
 2439 Delmar -1.3  
 2443 Delmar -1.29  
 2447 Delmar -1.29  
 2451 Delmar -1.29  
 2453 Delmar -1.3  
 2455 Delmar -1.3  
 2459 Delmar -1.28  
 2501 Delmar -1.25  
 2509 Delmar -1.3  
 2515 Delmar -1.27  
 2517 Delmar -1.25  
 2521 Delmar -1.25  
 2514 Delmar -1.24  
 2512 Delmar -1.28  
 2510 Delmar Plastic  
 2500 Delmar -1.3  
 2462 Delmar -1.31  
 2456 Delmar -1.32  
 2454 Delmar -1.29  
 2450 Delmar -1.29  
 2448 Delmar -1.29  
 2446 Delmar -1.27  
 2444 Delmar -1.23  
 2442 Delmar -1.27  
 2436 Delmar -1.29  
 2434 Delmar -1.29  
 2432 Delmar -1.01  
 2430 Delmar -1.28  
 2424 Delmar -1.28  
 2420 Delmar -1.29  
 2414 Delmar -1.29  
 2410 Delmar -1.3  
 2406 Delmar -1.3

[192.463(a)]	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	<b>Satisfactory</b>
[192.465(a)]	Were pipe to soil readings taken?	<b>Satisfactory</b>
[192.465(b)]	Were rectifier installations inspected?	<b>Satisfactory</b>
[192.465(a)]	Were isolated mains/services tested?	<b>Satisfactory</b>
[192.465(c)]	Were critical/non critical bonds tested?	<b>Satisfactory</b>
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	<b>Not Checked</b>

**General Comment:**

Staff did not take any casing CP readings at the Granite City location.

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[192.467(c)]	Were casings installations tested for electrical isolation?	<b>Satisfactory</b>
[192.479(a)]	Is the above ground piping coated or painted as required?	<b>Satisfactory</b>
[192.479(c)]	Is the pipeline free of corrosion or pitting?	<b>Satisfactory</b>
<b>DAMAGE PREVENTION</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
Staff examined damage prevention in Maryville.		
[192.614]	Does the operator have a valid notification of planned excavation activities?	<b>Not Checked</b>
[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	<b>Not Checked</b>
[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	<b>Not Checked</b>
[192.707(a)(1)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	<b>Not Checked</b>
[192.707(a)(2)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	<b>Not Checked</b>
[192.707(c)]	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	<b>Not Checked</b>
[192.707(d)(1)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	<b>Not Checked</b>
[192.707(d)(2)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?	<b>Not Checked</b>
<b>PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
Staff examined a regulating station number H051.		
[192.739(a)(4)]	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	<b>Satisfactory</b>

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[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	<b>Satisfactory</b>
[192.741(a), 192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	<b>Satisfactory</b>
[192.743(a)]	Is overpressure protection provided on the pipeline down stream of the take point?	<b>Satisfactory</b>
[192.199(d)]	Did the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	<b>Satisfactory</b>
[192.199(e)]	Did the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	<b>Satisfactory</b>
[192.199(h)]	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	<b>Satisfactory</b>
<b>VALVE MAINTENANCE</b>		<b>Status</b>
[192.747(a)]	Were the valves inspected accessible?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
Staff examined valve numbers 10369073 and 10143242.		
<b>ODORIZATION OF GAS</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
The odorization of gas was checked at in Maryville but not at Granite City.		
[192.625(a)]	Was the odor intensity level readily detectable at or below 1/5th LEL?	<b>Not Checked</b>
[192.625(e)]	Was the Odorization equipment and tank levels inspected?	<b>Not Checked</b>
[192.625(f)]	Was the operator's equipment calibrated as required?	<b>Not Checked</b>
<b>TRANSMISSION</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
Staff examined valve numbers 10369073 and 10143242.		
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	<b>Satisfactory</b>
[192.745(a)]	Were the valves inspected accessible?	<b>Satisfactory</b>
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	<b>Satisfactory</b>
<b>MARKING OF MATERIAL</b>		<b>Status</b>
[192.63(a)]	Does the operator's components and pipe contain the required markings?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		

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Staff examined the documentation on a Swarelor 3/8 swedge elbow.

OPERATOR QUALIFICATION	Status
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?	No

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